

Abstract

A subassembly includes a supporting substrate having a V-shaped groove at which a member is disposed, a laser diode mounted at the supporting substrate, and a lens element, which includes a lens portion formed at a surface of an optical substrate and a projection portion having a contour which places the projection portion in contact with the V-shaped groove at the supporting substrate when the lens element is mounted, and which is positioned relative to the laser diode. An optical module includes the subassembly, a package used to package the subassembly and an interface. The interface includes an optical fiber to be optically coupled with the laser diode via the lens element and is positioned as it comes in contact with the package.